

Title (en)

LOW THERMAL STRESS CASE CONNECT LINK FOR STRAIGHT TUBE CORIOLIS FLOWMETER

Title (de)

GERINGE THERMISCHE SPANNUNG AUFWEISENDE GEHÄUSEVERBINDUNG FÜR CORIOLISDURCHFLUSSMESSER MIT EINEM GERADROHR

Title (fr)

CONNEXION DE BOITIER A FAIBLE CONTRAINTE THERMIQUE POUR DEBITMETRE DE CORIOLIS A TUBE DROIT

Publication

EP 1155290 A1 20011121 (EN)

Application

EP 00907117 A 20000202

Priority

- US 0002724 W 20000202
- US 25664299 A 19990223

Abstract (en)

[origin: WO0050854A1] Case connect links of a straight tube Coriolis flowmeter couple a balance bar/flow tube junction to the flowmeter case. Each case connect link has at least one out of plane bend in its surface to allow the case connect link to expand/contract in response to temperature differentials between the internal elements of the flowmeter. The expansion/contraction permitted by the out of plane bend prevents structural damage to the case connect link as well as to the flowmeter elements to which it is connected.

IPC 1-7

G01F 1/84

IPC 8 full level

G01F 1/84 (2006.01)

CPC (source: EP KR US)

G01F 1/84 (2013.01 - KR); **G01F 1/8409** (2013.01 - EP US); **G01F 1/8413** (2013.01 - EP US); **G01F 1/8418** (2013.01 - EP US); **G01F 1/849** (2013.01 - EP US)

Citation (search report)

See references of WO 0050854A1

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DOCDB simple family (publication)

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